

secure messaging

definition

Messaging or call that provides end-to-end encryption for user-to-user communication and prevents anyone from monitoring your conversations

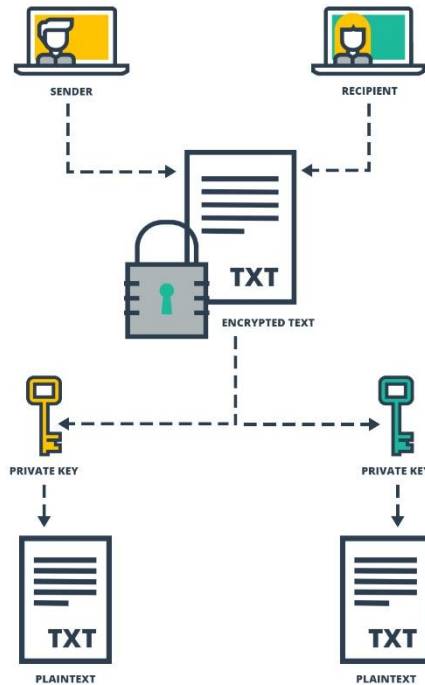
what is encryption?

Process of encoding information to prevent anyone other than its intended recipient from viewing it. Modern data encryption, which includes Public Key Encryption and Private Key Encryption, makes use of ciphers to make information unreadable to people who do not have access to a special key that is used to decrypt the information.

public key encryption



private key encryption



common messaging apps

WhatsApp, Apple Messages, and Signal are some of the more common secure messaging applications on the market. It is noteworthy that Slack does not have end-to-end encryption.

looking ahead?

At the end of the day, the messaging applications above are still tied to our personal identity through email or mobile phone number. As blockchain technology continues to improve, our identity can be better protected. At the same time, we should take care of our electronic devices since our messages are still vulnerable to breaches that are physical in nature (eg. screenshots, theft of devices) especially when we use secure messaging applications on several devices